

# *The Fortnightly* REVIEW of

THE CHICAGO DENTAL SOCIETY

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Volume 19 • Number 3

## Prize Essay Award Goes to Dr. M. S. Burstone

Research Delves Into Effects of Radioactive Phosphorus

The old adage that there's nothing new under the sun has been disproved again; this time by a young man from St. Louis who has been experimenting with radioactive phosphorus. He is Dr. M. S. Burstone, instructor in pathology at Washington University School of Dentistry and he has just completed a treatise, "The Effect of Radioactive Phosphorus Upon the Teeth and Jaws of the Mouse," which has been judged the best of some seven papers which were entered in the 9th Annual Essay Competition of the Chicago Dental Society.

Dr. Burstone gained his D.D.S. degree from Washington University School of Dentistry in 1946 and then went on to acquire his M.A. degree from Washington University School of Graduate Studies in 1949. He is a fellow of the International Association of Dental Research. Before engaging in the research project that won him the Chicago Dental Society's prize award, he devoted considerable time to studies dealing with the effects of x-ray radiation upon the teeth and jaws of the mouse and published an article on that subject last year in the *Journal of Dental Research*.

### SYNOPSIS

According to Dr. Burstone, a review of the literature has failed to reveal any

studies which deal with the effect of radioactive phosphorus upon the development of the teeth and supporting structures. In this experiment, mice are injected with a sterile solution of  $P^{32}$  in amounts varying from 3 to 60 microcuries per gram of body weight and controls are used whenever feasible. Histological studies are made from time to time of the teeth and mandibular joints. These examinations show marked disturbances in dentinogenesis and osteogenesis. The odontoblasts are distorted and appear as spindle-shaped cells with cytoplasmic processes. There is a cessation of normal dentine opposition with osteodentine formation within the pulp chamber and at the apex of the root.

The alveolar bone is poorly developed and exhibits an abnormal basophilia. There is an aplasia of the marrow and a subsequent fibrosis.

The changes in the mandibular joint are characterized by marrow aplasia, the erythroblasts being more radiosensitive than the myeloblasts, and a distortion of the cells of the hypertrophic zone. The cortical bone is thin and trabecular formation is poor and irregular. New bone formation with a subcartilage linkage at the zone of erosion is characteristic.

Dr. Burstone will appear in person at the First General Session of the Midwinter Meeting on Monday morning and read his paper.

## What Now?

By Frederick T. Barich



Before the days of the antihistamines, the colds which plagued my carcass were duzies. At the onset, a thin stream of serous fluid would ooze from both nostrils, meander across the upper lip, leap across the lower lip, bounce a few times on the chin stubble and come to rest on an unfavorable spot on a prized cravat. This was followed by a series of gentle sneezes which soon developed into chain reaction explosions. The tear ducts soon overflowed to completely inundate the distorted facial features. My throat by now was filled with cockleburs and an over-all rosy glow showed through the map flood to denote a rapid rise in temperature. The para-nasal sinuses joined the deluge to nearly drown me in fitful sleep. This would persist for a few days and nights and soon the poor beak on the front of what used to be my face was so sore that it felt like a combination of the first sunburn and the last boil. Nose drops, jellies, antipyretics, goose grease poultices, hot foot

baths, pills, gargles and fizzes failed to allay the onslaughts of that old debbil virus. By the end of the first week, the old carcass felt like it had been through a Nazi torture chamber. The fever would abate at about this time, usually in the middle of the night, and then by the pore system I would virtually be flooded out of bed. In another forty-eight hours I would stagger about the house like Leon Errol of the rubber legs. The sinuses, by some queer magic, changed their output from water to glue. The ensuing glue stage kept one busy maintaining an air passage in order to prevent complete asphyxiation. One had to be quick as hell in the night to come up with completely inflated lungs.

Cold sores arrived on schedule and spread like oil on water to encompass the oral orifice. Dissatisfied with their progress they moved on to engulf the chin and encrusted nostrils. The huge scabs ripped off in toothbrushing or shaving in order to plague my eating, drinking and laughing (Ha! Ha!) In about two weeks over-all one began to feel and act like a human being. I can think of many better ways to spend two weeks.

One day recently I picked up the *Reader's Digest* and discovered that the common cold had been conquered. Oddly enough, I hadn't had a cold in three or four years, chiefly because I learned how to avoid them. With the assurance of the new wonder drug "anti-histamine" fresh in my mind, I flaunted all the rules and actually went out looking for trouble. I was going to show that cocky virus a thing or two. When I heard someone sneeze I rushed over and breathed in the spray with gusto. I walked through the rain without rubbers, got overheated on purpose and left my coat open. I even drank from common drinking glasses and used common public towels. I walked at night without robe and slippers and left drafts blow across my neck. One crisp Sunday afternoon I went to a Bear football game at Wrigley Field (as a guest) and sat in the top row where the icy blasts from Medicine Hat pierced my adequate clothing and settled in the marrow bones. The frozen hot dogs and iced coffee helped perfectly to set the stage. The next day I had a runny nose and spasmodic fits of sneezing, so I knew that I had trapped the old culprit. Now it was my turn to give him the business which I did with both barrels and the verve of a newlywed — — — — — DOTE BE BISLED BY "SCIEDTIFIC DOSTRUBS,"—WHERE ID HELL ARE DE DOSEDROPS AD ASPIRID? ACHOO! ! ! !

# EDITORIAL

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## A CHALLENGE

The pages of many of our popular magazines are full of delectable advertisements picturing candy as a worthy addition to the ranks of the body-building, energy producing foods, along with sweetened acid beverages and bread and pastries made from refined (and thereby demineralized and devitalized) flour, and, my, how the youngsters love it!

The vast industry behind all this alluring propaganda employs over a million persons and has tremendous financial backing. At first glance, it seems a bit ridiculous for the dental profession, better known for its indifference rather than for its zeal when it comes to looking out for its own interests, to challenge these well-heeled industrialists.

But, now, out of California, comes such a challenge. The *Journal of the Southern California Dental Association*, edited by the indefatigable J. C. Almy Harding, has flung down the gauntlet. Every dental journal in the country has been asked to join in the crusade, for only by a nation-wide effort can we expect to win out.

In the next issue of this magazine, we will carry an article by Dr. Allison G. James which refutes the claims of the confectioners, the soft drink manufacturers and others of their ilk. Dr. James is well known to Chicago Dental Society members for he has appeared on the Midwinter Meeting programs. He is an authority on the subject and the material which he presents can well be used by every practicing dentist in both his professional and social contacts. His story should be learned by heart.

## A CRISIS AT HAND

Every year at this time a vigorous public response can be expected to the appeal of the National Foundation for Infantile Paralysis. In 1949, although fewer than a hundred persons contributed more than a thousand dollars, dimes came in from millions. This is an appeal that hits home, for no community escapes the ravages of this dread disease.

Last summer there was a widespread epidemic with more cases than ever before in history. All the resources of the National Foundation were pressed into service with the result that the organization's treasury was sadly depleted. Now the bills for the epidemic's aftermath are beginning to pile up; bills for the treatment of the crippled, those still in hospitals, and those who must be rehabilitated.

There is a crisis at hand, unless every reader of this magazine contributes his share along with the thousands of others who feel that the essential research, which is necessary in order to make some inroads on this menace, is kept alive. And that takes money. Be generous!

Only about one-third of the members of the C.D.S. have sent in their checks to the A.D.A. Relief Fund. Don't be a slacker! Contribute to the

A.D.A. Relief Fund

# PROGRAM

## Chicago Dental Assistants' Association

Stevens Hotel, Room 12

Midwinter Meeting

February 6-9, 1950

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### Tuesday, February 7:

**9-10:30 a.m.** Clinics

**11-12 noon** Papers: "Dietetics"—Jean Wehle; "Re-Call Systems"—Vera Henderson; "Taking Care of Children in Your Practice"—Helen Vollmer; "Office Duties of an Orthodontist's Assistant"—Lucille Carline.

**2 p.m.** "Practice Management," with films, presented by Dr. Lloyd Dodd, Decatur, Illinois, Past-President, Illinois State Dental Society.

### Wednesday, February 8:

**10 a.m.** Papers: "Case Against Socialized Medicine"—Dr. Howard Strange; "Dental Health"—Dr. R. C. Dalgleish, Salt Lake City, Utah, Trustee, American Dental Association Department of Health, State of Utah.

Address by Dr. Arno Brett, President-Elect of Chicago Dental Society.

**12 noon** Luncheon at Congress Hotel—The speaker: Dr. Youmans, Dean of University of Illinois School of Medicine. Tickets, \$3.25; available from Margaret Marcier, c/o Dr. R. Straub, 946 W. 87th Street.

**2:30 p.m.** Initiation

**4:30 p.m.** Dr. Maury Massler and Barbara Satterthwaite, President, C.D.A.A., on WGN-TV.

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All Assistants are welcome to all meetings and the luncheon.

# NEWS AND ANNOUNCEMENTS

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## WEST SUBURBAN ROUND TABLE MEETING

The next Round Table Meeting of the West Suburban Branch will be held at the Oak Park Country Club, February 13 at 12 noon. The program will be announced by post card at a later date.

## ALPHA OMEGA DINNER

The Illinois Alumni Club of Alpha Omega Fraternity will celebrate the 20th anniversary of its charter grant at a dinner on Sunday evening, February 5, at the Congress Hotel. All members of the fraternity and their ladies are invited.  
—Earl Elman, President.

## ILLINOIS ALUMNI LUNCHEON

The annual luncheon of the Dental Alumni Association of the University of Illinois will be held on Wednesday, February 8, in the South Ballroom of the Stevens Hotel at 12 noon, in conjunction with the Midwinter Meeting of the Chicago Dental Society. Registration of Alumni Association members will be conducted in Room 556A at the Stevens.

## 25 MILLION ON THE PAYROLL

More than 25 million Americans are drawing regular, direct payments from Federal, State and local governments. This is one out of six persons in the whole U. S. population. The Federal Government hands out checks to 19.3 million persons, 5 million more than in 1939, and State and local governments are making payments to 6.4 million, compared with 5.6 million in 1939.

## HILLENBRAND REPORT

*The Nation's Business*, a monthly magazine published by the Chamber of Commerce of the United States, carries a story of England's socialized dental program, as told by Dr. Harold Hillenbrand, in its December issue. In his story, "Britain Pays Through Her Teeth," Dr. Hillenbrand points out that the methods used by the administrator of Britain's National Health Service will surely lead the British government to bankruptcy. Britain has spread her limited dental population so thin (one dentist to every 4,000 patients, as compared to one for every 1,700 in the United States) that it can do nothing but face the unending treatment of adults at the expense of the children; "thus economically, socially, and perhaps philosophically, the British have put the cart before the horse," says Dr. Hillenbrand.

The British have failed to take advantage of many preventive and control measures made available in the past decade through research. For example, here in the United States, the topical application of sodium fluoride is widespread as a caries-preventive measure; it is scarcely heard of in Britain. These failures mean that British children are condemned to the same sad dental conditions as their parents and that there is apparently no chance of any improvement of national health in general through improved dental health, according to Dr. Hillenbrand.

Then, again, the British have cut down dental production because of the unanticipated high cost of the program. Naturally, when the profession is undermanned to start with and when the government promises everybody free dental care, it doesn't make sense to restrict output. But that is what the government is doing. Then the government, through its



dictatorial Minister of Health, Anuerin Bevin, proceeded to cut down the dentists' income. He first limited the amount a dentist could make to 400 pounds, after which he could keep only half of what he earned. He then slashed fees 20 per cent. Now it looks to Dr. Hillenbrand as if the Minister of Health was going to put all dentists under salaried service, ultimately.

If fees, or salaries, do not adequately compensate the dentist for high quality work, the natural tendency will be to reduce that quality. In other words, if the incentive is removed and conscientious effort produces no reward other than restriction of income, no human being will strive very hard.

Another weakness of the British plan is the use of so much lay personnel. When any extensive work is contemplated, the dentist must complete certain forms and submit them to the Dental Estimates Board for prior approval. This Board is composed of seven dentists and some 700 clerks. It is obvious that the seven dentists can never handle the flow of estimates which pour in at the rate of 10,000 a day. So the clerks do it.

Dr. Hillenbrand concludes his article with the assertion that the best argument against socialized dentistry is socialized dentistry in action. Instead of improving the health of the nation, its health resources will be slowly liquidated.—*Copies of the full Hillenbrand article may be secured from the American Dental Association without cost.*

## TELEVISION PROGRAM

The Educational Committee of the Illinois State Medical Society is sponsoring a television program Wednesday, February 8, 4:30 p.m., over WGN-TV, Channel 9. Dr. Maury Massler will be interviewed by Dr. Theodore R. Van Dellen on the subject, "Your Child Goes To The Dentist."

The General Arrangements Committee is planning to have television sets available at the Midwinter Meeting at strategic points so that visitors may view this program.

## C.C.D.S. ALUMNI LUNCHEON

The Alumni Association of Loyola University School of Dentistry, Chicago College of Dental Surgery will hold a luncheon in the North Ballroom of the Stevens Hotel, February 8 at 12 noon. Tickets will be on sale at alumni headquarters room or at the door.

## AMERICAN MEDICAL ASSOCIATION MEMBERS NOW PAY DUES

For the first time in over a hundred years, members of the American Medical Association will commence paying \$25.00 annual dues to the Association in 1950. Up to this time, the income from the *Journal* and other publications has paid expenses, built the home office at 535 North Dearborn Street, Chicago, and financed the various councils and bureaus.

For this \$25.00, the members of the American Medical Association will be contributing to the national educational campaign against compulsory health insurance as well as helping support the innumerable activities of the Association.

## IDENTIFICATION WANTED

On December 26, 1949, the body of a white female, described as between 40 and 45 years of age, was found floating in Biscayne Bay in Miami, Florida. To date, the body has not been identified, but is believed to be Louise Everett, age 62.

As a means of getting more positive identification, the police of Miami are anxious to have the dentists of this area check their records with the description of the woman's dental restoration which follows: An expensive cast palatal bar partial replacing the second bicuspid and first molar on the left side and the first and second bicuspids and second molar on the right side. The appliance has two ground precision attachments, one on the upper right cuspid and the other on the

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# QUOTATIONS AND ABSTRACTS

## HALITOSIS

*To the Editor:*—Many patients without definite pathologic change in the paranasal sinuses or decayed teeth have halitosis. Some of them have a "sour" breath and others a "decayed" odor. Kindly outline the procedure for detecting the source of halitosis. In cases of intractable halitosis, what should be the treatment?—*M.D., New York.*

*Answer.*—Halitosis is by derivation "a condition of the breath," but is partly accepted in medicine to mean "foul or offensive breath." Miller lists fourteen distinctive unpleasant odors.

Halitosis may have many causes. Usually the cause can be found; often it can be corrected. Detection of the cause requires a survey of the list of possibilities, an examination of the patient and a decision on the probable source. Correction then depends on removal of the source if feasible or recurrent cleansing and deodorizing.

Foci in the upper and lower parts of the respiratory tract may not be obvious and can include bronchial infection, sinus infection, chronic nasal catarrh (or even atrophic rhinitis), adenoids and chronically diseased tonsils. The tonsils and adenoids may be removed; true infection may be treated in various ways after a differential diagnosis, including trial of an appropriate antibiotic.

The intestinal tract may be a source, with causes ranging from esophageal diverticulum, gastritis, cholecystitis and colitis to faulty fat metabolism. Gastrointestinal allergy is said to be a cause. Each requires its special correction. The excretion in the breath and in the saliva of odors produced by drugs is too obvious a cause to describe in detail. Smoking may contribute to both odor and oral irritation.

The mouth is the most probable source

of fetor oris. Dental decay and dentures can be seen and cared for, but less obvious sources may be a low grade infection of the gums and the lingual papillae, the slight necrosis of the mucous membranes, minute collections of food and the numerous oral bacteria between gums and teeth (especially when tartar has gathered) and food in cryptic spaces between certain teeth. Protein can become rather foul in a few hours, and meat fibers are a frequent offender if not removed. Vincent's infection can usually be seen if present. Sluggish salivary secretion may cause oral stagnation.

Cleansing of the mouth should be started by a dentist, with recurrent later check-ups. In the intervals, food should be removed from crevices by brushing, rinsing, floss or picks at least once a day. Infection should be treated as indicated. The tone of the mucous membrane may be improved by use of a dilute mouthwash containing zinc chloride, perhaps preceded by one containing peroxide or perborate.

*References:* Crohn, B. B., and Drosd, R.: *Halitosis*, J.A.M.A. 117:2242 (Dec. 27) 1941. Cecil, R. L.: *A Textbook of Medicine*, Philadelphia, W. B. Saunders Company, 1940. Miller, S. C.: *Oral Diagnosis and Treatment*, Philadelphia, The Blakiston Company, 1946. Burket, L. W.: *Oral Medicine*, Philadelphia, J. B. Lippincott Company, 1946.—*Reprinted from the J.A.M.A. "Queries and Minor Notes," September 24, 1949.*

## THEORY OF FOCAL INFECTION

*To the Editor:*—What is the present view regarding focal infection?—*M.D., Virginia.*

*Answer.*—The role of foci of infection as causes of systemic illness in general is still under discussion. Some authors invoke the work of Frank Billings (*Arch.*

*Int. Med.* 9:484, 1912), who described the principle of this pathogenetic mechanism but cautiously limited its clinical application. A critical appraisal after twenty-five years of study (Bierring, W.L.: *J.A.M.A.* 111:1623, 1938) indicates that the removal of focal infections does not cure the diseases attributed to them in significant numbers of patients. The discussion has been hampered by varying definitions of focal infection.

According to good evidence and universal experience, microbial infections of many types can spread from a latent and asymptomatic focus to cause general disease if the localizing factors are weakened (Rosenow, E. C.: *J.A.M.A.* 61:1947, 1913. Elliott, S. D.: *Proc. Roy. Soc. Med.* 32:747, 1939; Freyberg, R. H.: *J. Am. Dent. A.* 33:1108, 1946). It is also well established that toxins from an infected nidus may damage remote tissues. Likewise, there is abundant proof that hypersensitivity of certain tissues to focally infecting bacteria occurs, as demonstrated by commonly used skin tests. However, the question as to whether bacterial products disseminated from a focus of infection will cause generalized clinical illness or inflammation in previously sensitized organs cannot be answered for all cases. It should be applied to a given focus in an individual host. Recent work has furnished indirect evidence that bacterial products derived from foci of common infective bacteria, such as beta hemolytic streptococci, may participate in the pathogenesis of rheumatic fever, glomerulonephritis and certain vascular diseases. (Rich, A. R.: *Proc. Inst. Med. Chicago* 15:270, 1945. Rantz, L. A.; Boisvert, P. J., and Spink, W. W.: *Arch. Int. Med.* 76:131, 1945. Cavelti, P. A.: *Arch. Path.* 44:119, 1947).

Furthermore, it has been proved that recurrences of rheumatic fever can be prevented by the control of hemolytic streptococcal infection with antibiotics, although these agents do not benefit active rheumatic fever (Rosenberg, E. F., and Hensch, P. S.: *M. Clin. North America*, 30:489, 1946). The causative role of

focal infections in the common allergies has not been demonstrated in satisfactorily controlled studies and there is considerable doubt about their importance in the development and treatment of rheumatoid arthritis (Slocumb, C. H.; Binger, M. W.; Barnes, A. R., and Williams, H. L.: *J.A.M.A.* 117:2161, 1941). For practical purposes it is recommended that foci of infection be treated in chronic diseases if they constitute a likely handicap to the general health and resistance of the patient.—*Reprinted from the J.A.M.A. "Queries and Minor Notes," September 24, 1949.*

## PREGNANCY AND TOOTH DECAY

Statistical data on a large number of pregnant and nonpregnant women of different age groups led C. D. M. Day and K. L. Shourie (*Indian J. M. Research* #35:101, April, 1947) to conclude that caries susceptibility does not increase as a result of childbearing. From similar evidence, D. E. Ziskin and H. Hotelling (*J. Dent. Research* #16:507, December, 1937) concluded that the factors operating during pregnancy actually prevent tooth decay. Experimental test of these conclusions is reported by H. Granados (*Odontologisk Tidskrift* #56:388, 1948; *Proc. Soc. Exper. Biol. & Med.* #71:279, June, 1949) and his associates of the polytechnic Institute, Copenhagen, Denmark. The Danish biologist maintained newly weaned female hamsters for three and a half months on a suboptimal diet, consisting of finely ground yellow corn, sucrose, cornstarch, powdered whole milk, salt mixture and vitamins. At the end of fifty-six days 14 female hamsters were successfully mated, while 13 others were set aside as nonpregnant controls. At the end of three and a half months all female hamsters were killed and the carious lesions scored. In the pregnant group the average number of carious molars was 8.0, while there was an average of 8.5 in the nonpregnant group. The average number of individual carious lesions was

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# NEWS OF THE BRANCHES

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## NORTHWEST SIDE

The din occasioned by the riotous reception accorded the advent of what we hope will be the better half of the twentieth century has hardly quieted down and all the loose bits of confetti have yet to be shaken out of the assorted glad rags worn on such occasions before we can make ready to face the soberer things in life; such as the forthcoming 85th Midwinter Meeting of the Chicago Dental Society. . . . All of you have no doubt read with considerable interest the announcement of the program of events for the Meeting; however, your correspondent would like to add a comment or two on the importance of the event. This big meeting is usually the best of its kind in the country—with more exhibitors, more fine clinics, more discussions, etc., than any other. That is why it usually is, also, the best attended meeting of its kind. I cannot urge you too strongly to make sure that you plan to attend; so mark up your date books now for February 6-9 at the Stevens Hotel. It's really important! . . . The Chicago Dental Society made news of another sort at its December 20 regular meeting. Many of our own branch members were there, including Glenn Cartwright (President of the Illinois State Dental Society), Ed Friedrich, Joe Zielinski, J. D. Mershimer, George Freedman, Ben Davidson and Gerson M. Gould. The very fine turnout was indeed remarkable because of the extremely inclement weather. The lure of the meeting was particularly a pro and con discussion of proposed Federal Health Legislation; the pro side was represented by Hubert Wills, the con by Francis J. Garvey of the American Dental Association. The debate was followed by a very spirited question and answer period in which our boys participated. One thing is for sure—our members mean to be well informed

on what's happening and are *not* going to be just innocent bystanders. (I'll bet if you buttonhole any of the boys who were there you can get into an excellent discussion right off!) . . . Well, come sun, rain or high water, it looks like our boys like to keep on the move. . . . Casimir Rogalski taunts us with a card extolling the delights of the Florida sunshine. . . . T. P. Sakowski, on the other hand, writes us that he is getting a big bang out of the wide open spaces of the West, where he is probably getting lost in canyons and such, and in general making like a cowboy (the television influence, no doubt) . . . On the more somber side, we learn of the accident suffered by F. K. Liermann when a bottle of sulfuric acid exploded in his hand, burning his left forearm; fortunately, Fred's nice heavy office coat protected the rest of his body, so that while the coat is a complete loss, Fred isn't! . . . We learn, too, that Louis Feldstein has just completed an arduous 15-month postgraduate course in orthodontics at Columbia University, and when he resumes his practice, will limit the same to orthodontics. Good luck, Louis! . . . Congratulations to J. D. and Mrs. Mershimer on the celebration of their twenty-fifth wedding anniversary on December 27 (that's really showing the spirit of stick-to-itiveness!) . . . Benjamin M. Lurie phoned and related a long tale of both woe and joy, and since all's well that ends well (we always say!) the tale bears some retelling. Ben wanted to make sure we all understood his absence from our recent meetings, since he was not only a regular attendant but participated as clinician on denture work. The reason: Ben suffered a heart attack and was away from his work for three months; but now he has joyous news to help him on to full recovery. His daughter, Mildred Dorothy, a graduate of N. U.'s Commerce School, has taken

unto herself a husband, one William Freud, who will shortly receive his M.D. sheepskin from N. U.'s Medical School. Young Billy, the new benedict, is not related to the late great Sigmund, but is the son of that fine dentist, Sidney Freud, who ministers to the oral cavities of the Evanston burghers. Oh, yes, the wedding took place on December 26 at the Belden Stratford and had lavish trimmings. (The foregoing sounds awfully complicated and we've left out half, but with a pencil and paper it can be followed in diagram fashion!) . . . Your correspondent regrets the error which occurred in our December 15 column when we reported the death of Sidney Janows' father. It was actually the father of Stanley Pogerske, Napoleon Pogerske, we intended to mention; our sympathy goes out to Stanley on his loss. We hope also that all the friends of Sidney Janows' father will welcome the news that report of his death was, in the words of Mark Twain, "greatly exaggerated." (New Year's Resolution: no more mistakes!) . . . Augie Pecaro and Joe Pulley both report extensive tours in warmer climes and will make Florida their last port of call.—*J. S. Lebow, Branch Correspondent.*

#### NORTH SUBURBAN

The last North Suburban meeting, featuring Dr. L. E. Kurth, dealt with full dentures, centric position and some interesting points in their construction as he practices them. As we all know, there is no "absolute" mathematics in the dental field, but if everyone there learned at least one good point it was very worthwhile. . . . Since the ground-hog doesn't come out until the second of February, I'm not predicting any spring yet, but a couple of fellows got impatient around New Year's time and went to California (also took in the Rose Bowl festivities). They were Bill Murray and Ed Robbins. . . . Bill Ford has a new little girl, named Susan. . . . Gerald Clark was a visitor in St. Louis where he attended the Mid-

Continental convention at the Jefferson Hotel. . . . Doug Cook now lives in a new home in Skokie. . . . Leo Tasto has a new table tennis set-up at his house and says he wants someone to teach him the game. (And I thought he'd be practicing with a long-handled niblick this winter.) . . . Richard Renn has acquired a new Ford which he says his wife lets him use any time he wishes (that's because she hasn't learned to drive yet). . . . O. E. and Mrs. Scott will spend a few days with friends at Lake Worth, Florida. Scotty says the Packard is "rarin' to go." . . . We are sorry to hear that LeRoy Smith's father passed away at Miami, Florida. . . . Dr. Charles Sumner Bigelow has passed from our midst. His was a busy life in the active practice of dentistry for fifty-four years. In all those years he most assiduously kept pace with the developments in dentistry. His professional activities were an inspiration to the men of North Suburban. The members of North Suburban extend sympathy to Mrs. Bigelow and family. . . . This old Chinese saying may be a bit plebeian but there is a thought in it.—"One never sees the egg on his own chin." . . . See you at the Chicago Midwinter meeting, February 6-9.—*J. C. McGuire, Jr., Branch Correspondent.*

#### WEST SUBURBAN

Our first Round Table Meeting in the new year was quite successful and the attendance was very gratifying. Our program chairman, Ed Hall, introduced Dr. Robert Koff, Psychiatrist, from the Institute for Juvenile Research at the University of Illinois, who gave a very interesting and helpful talk in the meeting of our every day office problem on the classification of patient types and child fears in dental practice. All of our faithful members were present, along with the following who are getting the habit of attending: J. M. Smejkal, A. J. Jirsa, I. C. Slaby, Joseph Komarek, D. N. Wilkin, C. J. Peterson, J. W. Treacy, Wm. J. H. Sisson, R. G. Weihe, Geo. Welk, A. J.

Skupa, and W. H. Keehn. Those of you who stayed away missed some mighty important information. We welcome all and request that you avail yourselves of the many features that are yours by your attendance at these meetings. The committee is trying hard to give you what you want, so let's keep attending these meetings and show them we appreciate their efforts. Our next Round Table Meeting will be held on February 13 instead of the 6th (change your appointment book sticker) because this date conflicts with the Chicago Dental Society Meeting at the Stevens. See you then. . . . Dr. Robert Atterbury was recently accepted for membership in the American Society for the Advancement of General Anesthesia in Dentistry.—*Martin J. Mayeau, Assistant Branch Correspondent.*

#### NORTH SIDE

Would you like something for nothing? Then don't miss Ladies' Night, Saturday, February 25. You may not know it, but more money is spent than is taken in for this event; however, the Society can only go in the red to a definite extent. The greater the turnout, the better the party, for we can get better entertainment. It's your party, so if you want it big and would also like a good table, let Fred Dattelzweig (LOng Beach 1-9158) know you are coming and how many. (You may bring guests.) Incidentally, this year we have graduated to the front door; the party will be in the East Lounge. If you have never been to one of these parties, be sure to make this one, for you can't find better congeniality. At this writing, the price is not known, but you will get more than your money's worth. . . . It's been quite a time since the last column, for the Midwinter Meeting issue last time kept me from my loyal readers, both of you, but anyhow, here is a little belated news. . . . Herb Boman spent about a week with his son in Indianapolis around Christmas. Think he put a little "Kentucky Dew" in his sock. . . . The old vagabonder, Henry Taecker, spent

the holidays with his wife at White Sulphur Springs, and enjoyed the accommodations of the Greenbrier. . . . It would be much more interesting to be able to state where Ernie Gillis went, but some people just like to make it hard for the correspondent. All I know is, he went some place during the holidays. . . . Here and now I make an appeal. It may not seem interesting to you to let me know of yours, or someone else's trip; but perhaps another reader will be interested, so "pleeze giv wit de nus." . . . Pat Hoag made his round trip to Mexico with not a flat tire of any kind. . . . Some people go to so many meetings that I wonder when they do their work, but heard Jim Ford, Bill Williams, and Sidney Asher went to Louisville to attend a three-day Orthodontia course. Hope they got some of that "Black and White DeLuxe Scotch" in the Men's Grill of the Brown Hotel. Nothing like it to "salt down" a little knowledge. . . . Art Rowe just returned from a lesson in the art of living. What's good enough for Truman is okay with Art, for he got some of that same old Sol at Key West, Florida, and someone said, "He almost looks healthy now." Could it have been Napolilli? . . . At this writing it is hard to believe, but Sid Goodney is supposed to be at Cary, Illinois, practicing for a ski meet. He must be using canoes for skis, for rain is all we have had around here lately. . . . Oliver Hatcher spent Christmas back home where they have black-eyed peas and hog jowl on New Year's Day; that is, Tennessee. . . . Harry Morrow is in Cuba for about four weeks. . . . Roland Weber went closer to the source, Milwaukee that is, during Christmas to visit his sister. . . . Rufus Lee is off to South America again, and this time he is going to take in Peru. He is grinding out a few miles of movies so some of us will share his experiences. . . . Just heard from a friend of mine in Costa Rica, and he recently had some work done by a dentist who went to N. U., Carillo by name. It was interesting to learn that he had four silicates placed and a prophy for \$5.00 U.S.

(Continued on page 18)

## **NATIONAL CHILDREN'S DENTAL HEALTH DAY**

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**THIS YEAR**

**ON**

**FEBRUARY 6**

### ***But...* DENTAL HEALTH for CHILDREN**

must be observed every day of the year.

Healthy teeth and mouths don't happen by accident. They result from a well-planned and carefully followed program of personal oral hygiene and professional dental care.

"Brush your teeth after eating and before going to bed" and "Visit your dentist at least twice a year" are not just nice sounding phrases. They are vital, important guideposts to dental health.

Children should follow the four dental health rules recommended by the COMMITTEE ON DENTAL HEALTH EDUCATION.

## **FOUR DENTAL HEALTH RULES**

- 1.** Brush the teeth after each meal and before going to bed. Brush down on the upper teeth and brush up on the lower teeth. Brush the chewing surfaces. Brush the teeth on the tongue side and on the cheek side. Rinse with water. \_\_\_\_\_
- 2.** Eat an adequate amount of the protective foods such as milk, fruits and vegetables, eggs, meat, whole grain cereals and bread. If children are hungry between meals, they should have fruit juices, fresh fruits, unsweetened dried fruits, nuts, popcorn, whole grain cereals, milk or cheese instead of candy, gum, pop, or other sweet food. \_\_\_\_\_
- 3.** Each child should visit the family dentist as frequently as the dentist advises. Usually, this is at least twice each year. \_\_\_\_\_
- 4.** Children should have their teeth treated with sodium fluoride by the family dentist. Sodium fluoride is an aid in preventing tooth decay. It should be used in addition to proper tooth-brushing, adequate diet, and regular dental care by the family dentist. \_\_\_\_\_

**RECOMMENDED**

**BY**

**COMMITTEE ON DENTAL HEALTH EDUCATION**

*(Remove these two pages and display prominently)*



(Continued from page 15)

Guess we had better stay here, regardless of taxes. . . . I think Santa Claus traded in his beard for a long white bill and set of wings, for just as I was recovering from my baby boy, who came so fast that we named him Rush Corwin Pond, (Rush being my wife's maiden name), I met Bob Oppice in the hospital. He really had troubles, for his wife was a little early. The Christmas cards weren't out, and a few other things not done. His was a boy born on December 19. I can just see Granpaw Harold bouncing it on his knee and smiling big. . . . Our sympathy is extended to Gene and Mrs. Callahan, for his baby boy, born January 8, died January 13. It was apparently a perfect baby, but could not live out of oxygen. Fortunately, he has two other fine children. . . . Hear that Doug Iverson is opening a new office in one of the suburbs, and that Bob Morrison is leaving the Uptown Bank Bldg. . . . Would like to give more information about our next meeting on March 6, but only know that the speaker comes from Philadelphia. Will have more in the next issue. . . . Next telephone extension meeting Monday, February 13.—*Robert C. Pond, Branch Correspondent.*

#### KENWOOD-HYDE PARK

Dr. Ralph Rudder will be the essayist for the March 7 meeting at Hotel Sherry. He will discuss every day problems of the general practitioner in extraction of teeth. Dr. Rudder always has a helpful program, and this should be especially so. Those of us who heard Dr. Maury Massler's masterful presentation on caries control came away with a better understanding and possible solution to this troublesome problem. Thanks, Dr. Massler. You were swell. . . . Dr. Stan Korf appeared before the Chicago Times Vocational Guidance and Career Conference, where he presented "Dentistry as a Career." . . . We regret to hear that Ben Herzberg's office was robbed. We hope there wasn't too great a loss, Ben. . . . Walter Dundon ("Eleanor" the second)

is on the loose again. This time he flew to Mexico for a little hunting. I hope his luck and stories are better than last time. (I hope I have the right place, too). . . . Kenwood members will be well represented on the Midwinter program. Stan Korf, R. M. Appleman, Jesse Carlton, and Ralph Libberton will appear on the limited attendance programs. On general clinics, Victor Wittert and Phil Mathisen, will appear. We are sure these boys will give a good account of themselves. Sig Bradel will appear on the question and answer program, and we are sure will do his usual good job. . . . Walt Scanlan was down to Peoria for the meeting of the State Society when the new officers were installed. Glenn Cartwright became the President, and to Glenn and his officers a most successful year. . . . Note: There will be no Kenwood meeting in February, but it is hoped each of you will be on the job at the Stevens. This post-graduate course is worth the cost of your membership many times over. . . . Any news telephone me at SOUTh Chicago 8-1823.—*Elmer Ebert, Branch Correspondent.*

#### SOUTH SUBURBAN

Sunny skies and balmy breezes—it must be wonderful to be one of those fortunate people who were thoughtful enough to start a practice in Florida. I guess if I were down there I would be looking out of the window all the time wondering how the fish were biting. Anyhow the daydream is over and I have to face the reality of being back home again and have before me the task of replenishing the exchequer. It is a very disagreeable thing to return home and find that one's home has been burglarized. When my wife saw all the muddy footprints on her sofa, she could have torn the intruder limb from limb herself. While on the subject of the sunny (?) South, we have word that F. W. Tracy, the "Old Man of the Mountains," is sojourning there. I wonder if he is going to convert some of those Southerners to

his way of thinking—we may have the seeds of another Civil War being sown. . . . Those of you who turned out for our last meeting, and there were quite a few of you who did, had the pleasure of hearing Dr. Purinton speak on "Public Relations." It was a talk that all of us will remember and, if put to practical use, will benefit us greatly in our financial efforts. . . . We were all sorry to hear of the untimely death of E. E. Carlson of Blue Island on December 16. Dr. L. Holt, on behalf of South Suburban, sent a floral offering. . . . Heard thru our grapevine—Bierma of Lansing is sporting one of those snazzy new Oldsmobiles. . . . Taylor Bell is going to take off for his old stamping ground at St. Petersburg, Florida, right after the Midwinter Meeting. . . . As all of you know, we do not have a February meeting, but we will be back in there pitching again on the first Tuesday in March. . . . The U. S. mail is still functioning, so if you guys will just drop me a line on current events, I, for one, will appreciate same.—*H. C. Gornstein, Branch Correspondent.*

#### ENGLEWOOD

Ed Glavin, our popular secretary, is on the casualty list. He slipped on the ice in front of his house and sustained a fractured ankle. He is recuperating at home and would like to hear from some of the fellows. Ed, the men of Englewood sincerely wish you a speedy recovery. . . . Bud Hopkins is back at the office after a prolonged bout with a virus infection. . . . Leonard Ryan has had an uneventful recovery after a tussle with a chicken bone. He spent a day at St. Luke's Hospital having the culprit removed from his throat. . . . Zenon Krol has been promoted to the Senior Surgical Staff at Holy Cross Hospital and also appointed to the Consulting Staff at St. Francis Hospital in Blue Island. . . . Charlie Coffey had the roof blown off his house in Miami during a hurricane. He sold what was left of the house and moved into a trailer. His new address is P.O. Box 788,

Largo, Florida. . . . The dentists on 95th Street in Beverly are getting back in physical condition since the new one-hour parking ordinance has been installed. Walking to and from the office has given them a new hale and hearty look. . . . Joe Ruzic is getting impatient waiting around for his new Chrysler. Joe's son, Jay, is receiving his M.D. degree in March and plans to intern at Presbyterian Hospital. A Ph.B., B.S., and M.D. at twenty-one—a record and a son to be proud of, Joe. . . . Congratulations to Henry Mathews on the announcement of a new addition to his family. He reports Mrs. Mathews and daughter are doing nicely. . . . Ray Bartz and Wally Raczyński are the spark plugs of the leading team in the Holy Cross Doctors' League. Maurovich and Osinskis are rather suspicious of the leaders' scorekeeper after dropping two out of three last Tuesday. . . . Ed Scanlon is the proud father of a baby boy, Edmund J., Jr. The ordeal was rather rugged and Ed feels as though a vacation is necessary. He leaves for points South on the 15th. . . . Lester Heidorn spent the month of January at his ranch in Colorado. . . . Ernie Borgerding left for Florida in January and also spent a couple of days in Cuba. . . . Larry Michet has returned from a week's stay in Oklahoma.—*Don Reynolds, Assistant Branch Correspondent.*

#### WEST SIDE

We had an excellent branch meeting on January 10. Our essayist, Ed Ryan, gave a very informative lecture on body form and type as related to function and personality. It was a very good presentation and the members present gained a great deal from it. President-elect Arno Brett and Secretary Ed Baumann of the Dental Society were guests that evening. Also, Isaac Schour was present and he briefly outlined the future plans of the University of Illinois postgraduate studies. Not only is the telephone course going to be extended and include new lectures

*(Continued on page 28)*

# DIRECTORY CHICAGO DENTAL SOCIETY

Central Offices: 30 N. Michigan Ave., Chicago 2, Ill., Phone RAndolph 6-4076

Kindly address all communications concerning business of the Society to the Central Office

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*West Side, 1951*  
*Kenwood, 1951*  
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*West Suburban*

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Neil A. Kingston  
J. R. Carlton  
Irvin G. Oaf

1950  
1951  
1952

## Applications for Membership

The following applications have been received by the Ethics Committee: Any member having information relative to any of the applicants, which would affect their membership, should communicate in writing with Neil A. Kingston, 182 E. 154th St., Harvey. Anonymous communications or telephone calls will receive no consideration.

## Applicants:

CRAIG, HAROLD E. (Loyola 1927) South Suburban, 3335 W. 95th St. Endorsed by Vincent B. Milas and Paul Kanchier.

(Continued on page 22)

## Branch Correspondents

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#### QUOTATIONS AND ABSTRACTS

(Continued from page 12)

11.5 and 10.8, respectively. From this evidence it was concluded that, within the limits of the statistical error, pregnancy did not influence caries activity in this experiment.—*Current Comment, J.A.M.A., December 10, 1949.*

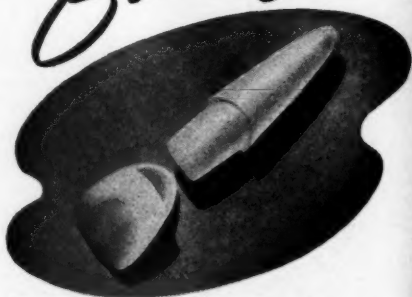
#### SALIVARY LACTOBACILLI AND DENTAL CARIES

Much of the current theory as to the cause and control of dental caries is based on the assumption that the salivary Lactobacillus count is a dependable index to the tendency of persons to have tooth decay within the near future. Statistical confirmation of this assumption was sought by J. D. Boyd (*Proc. Soc. Exper. Biol. & Med.*, #71:535, August, 1949) and his associates of the Department of Pediatrics, University of Iowa. The Lactobacillus counts of 64 teen aged girls were compared with the progress of individual tooth decay over a period of thirty months. Eleven of these girls did not reveal advance of caries during this period. In these 11 the Lactobacillus counts varied from 30,000 to 360,000, an average of 92,500 per cubic centimeter of saliva. A second group, 15 girls, had an average of 9 to 10 decayed, missing or filled teeth during the same period. In this group the Lactobacillus counts varied from 35,000 to 720,000, an average of 104,500 lactobacilli per cubic centimeter. The average Lactobacillus count tended to parallel the rate of progress of

caries when whole groups were compared. A great inconsistency, however, is seen in comparing the count and rate of caries progression for individual subjects. Equally low and equally high counts were recorded for individual subjects regardless of their subsequent caries histories. In this experiment an excessive number of salivary lactobacilli apparently was not the essential causative factor in tooth decay.—*Current Comment, J.A.M.A., December 10, 1949.*

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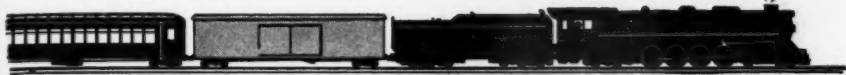
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## NEWS AND ANNOUNCEMENTS

(Continued from page 10)

upper left first bicuspid. It has a cast molar on the upper left second molar with a heavy occlusal rest. On the right second molar there is a cast occlusal rest with an eighteen gauge wire clasp. The width of the bar is about a half inch carrying two saddles which are fairly large in proportion. Apparently the partial is about five years old as it shows signs of wear. The teeth are porcelain tube teeth and on the lingual of the teeth carrying the clasps are two half cast clasps.

If this description fits any of your patients, please notify the Central Office, RAndolph 6-4076, so that the Miami police may be informed immediately.

### DENTURE RESEARCH GROUP INSTALLS OFFICERS

At the First Annual Dinner Social of the Denture Research Group, held on January 14, at Kungsholm's beautiful Melchior Room, 100 E. Ontario Street, the following officers were installed: R. C. Van Dam, president; A. J. Kastel, 1st vice-president; W. E. Spector, 2nd vice-president; Boles G. Gobby, secretary; J. J.

Scher, treasurer; V. Wittert, librarian; Frank A. Farrell, C. A. Frankewicz, S. R. Kleiman, H. G. Sussman, and J. C. Ullis, directors. New members inducted were: I. Frank Brzezinski, Theodore J. Guzik, Raymond Marcus, John J. McBride, Stefan Urban of Manitowoc, Wisconsin, and Adam Wcislo. Dr. Frank A. Farrell was toastmaster. The ladies were signaled out for special honors for their moral support and each lady attending received a beautiful corsage which was arranged by Dr. and Mrs. R. C. Van Dam. Seventy-one were present to enjoy and witness the ceremonies.—*Boles G. Gobby, Secretary.*

### ILLINOIS LAGS BEHIND

Figures released by the American Dental Association Relief Fund on December 1 show that Illinois is lagging behind with contributions of only \$2,374.85, or 31 per cent of its quota. An over-all picture shows that only 28 per cent of active members had mailed in their contributions by December 15. If you haven't already done so, mail your check immediately to the American Dental Association Dental Relief Fund, 222 East Superior St., Chicago 11, Illinois.

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## NEWS OF THE BRANCHES

(Continued from page 19)

but look for television projected courses in the very near future. . . . Our sincere sympathy to Sam Rakow on the death of his brother in North Dakota. . . . Also, our condolence to Lou Weinshenker on the death of his sister. . . . Leo Cahill's office is in the path of the Congress Street superhighway and he has been given thirty days' notice to move. Many of the medical and dental offices on the north side of Harrison street will have to vacate soon, as full scale wrecking operations will begin this spring. . . . Art Tessler sure believes in fresh air, so much, in fact, that he practices without windows. A gale knocked off his partially open window. . . . The birds are flying south and so are some of our boys. Walter Kelly is taking in the Florida sun. Howard Rosen and George Frost are also relaxing in Florida. Earl Boulger just returned with

a beautiful tan. On his way home Earl's train was caught in the Indiana floods and was delayed for a while. . . . Herb Omens' daughter, Rebecca Gale, just eleven months old, is chasing Herbie all over his house. Herbie is quite proud since it took him eleven years to learn to walk. . . . Irv Shaewitz is building a home in the deep south on 68th and Euclid Avenue. . . . The Arcolian Dental Arts Society is holding its annual dinner dance February 11 in the main ballroom of the Edgewater Beach Hotel. Members of the West Side Branch are cordially invited. . . . Welcome to another new West Side member, Joe Zieff. Joe is not really a newcomer since he belonged to the West Side Branch before the war and after he returned from service he was placed in the West Suburban Branch. Hope to see you at our meetings, Joe. . . . Our drive is still on to recruit non-members into the Society. . . . Telephone the news to MANSfield 6-7262.—*Irwin B. Robinson, Branch Correspondent.*

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